Most Frequently Occurring Classifications of Patents Returned
From A Search of 09624963 on November 13, 2003

Original Classifications
```
6   434/317
5   358/1.9
4   358/1.16
3   347/82
2   101/467
2   156/64
2   347/108
2   347/2
2   347/217
2   347/55
2   349/139
2   356/402
2   358/3.26
2   382/186
2   399/58
```

Cross-Reference Classifications
```
6   434/308
3   345/901
3   358/1.13
3   358/1.15
3   358/518
3   382/189
3   434/178
2   101/478
2   156/277
2   250/226
2   347/104
2   347/44
2   347/86
2   358/1.11
2   358/1.17
2   358/1.2
2   358/1.9
2   358/2.1
2   358/3.23
2   358/443
2   358/448
2   358/462
2   358/468
2   358/502
2   358/523
2   358/524
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2   358/534
2   358/538
2   382/181
2   382/187
2   382/202
2   382/225
2   399/27
2   399/49
2   430/120
2   430/5
2   434/309
2   715/525
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Combined Classifications
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7   358/1.9
6   434/308
6   434/317
5   358/1.16
4   358/1.15
3   345/901
3   347/108
3   347/2
3   347/82
3   358/1.11
3   358/1.13
3   358/1.2
3   358/448
3   358/462
3   358/518
3   382/187
3   382/189
3   434/178
2   101/467
2   101/478
2   156/277
2   156/64
2   250/226
2   345/179
2   347/104
2   347/217
2   347/44
2   347/55
2   347/86
2   349/139
2   356/402
2   358/1.17
2   358/2.1
2   358/3.06
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2   358/3.23
2   358/3.26
2   358/443
2   358/468
2   358/474
2   358/501
2   358/502
2   358/523
2   358/524
2   358/534
2   358/538
2   382/181
2   382/186
2   382/202
2   382/225
2   382/237
2   382/239
2   399/27
2   399/49
2   399/58
2   414/796.1
2   430/120
2   430/5
2   434/309
2   715/525
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PLUS Search Results for S/N 09624963, Searched November 13, 2003

6333994
6603881
6079821
5623585
5675719
5937147
5023705
6215540
6215540
6326957
5528154
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(4889367 4916545 4918622 4977458 4986180 5002408 5026044 5029115 51880
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 5881210 5949964 5963968 5970455 5984446 6041215 6057930 6062676 60674
06 6068716 6076734 6102505 6123410 6160970 6160971).pn.

Titles of Most Frequently Occurring Classifications of Patents Returne
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From A Search of 09624963 on November 13, 2003

7 358/1.9   (5 OR, 2 XR)
       Class   358 :   FACSIMILE AND STATIC PRESENTATION PROCESSING

       358/1.1   STATIC PRESENTATION PROCESSING (E.G.,
                           PROCESSING DATA FOR PRINTER, ETC.)
       358/1.9   .Attribute control

6 434/308   (0 OR, 6 XR)
       Class   434 :   EDUCATION AND DEMONSTRATION
       434/308   AUDIO RECORDING AND VISUAL MEANS

6 434/317   (6 OR, 0 XR)
       Class   434 :   EDUCATION AND DEMONSTRATION
       434/308   AUDIO RECORDING AND VISUAL MEANS
       434/317   .Visual information in book form

5 358/1.16   (4 OR, 1 XR)
       Class   358 :   FACSIMILE AND STATIC PRESENTATION PROCESSING

       358/1.1   STATIC PRESENTATION PROCESSING (E.G.,
                           PROCESSING DATA FOR PRINTER, ETC.)
       358/1.16   .Memory

4 358/1.15   (1 OR, 3 XR)
       Class   358 :   FACSIMILE AND STATIC PRESENTATION PROCESSING

       358/1.1   STATIC PRESENTATION PROCESSING (E.G.,
                           PROCESSING DATA FOR PRINTER, ETC.)
       358/1.15   .Communication

3 345/901   (0 OR, 3 XR)
       Class   345 :   COMPUTER GRAPHICS PROCESSING, OPERATOR
                           INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY
                         SYSTEMS
       345/901   ELECTRONIC BOOK WITH DISPLAY

.3 347/108   (2 OR, 1 XR)
       Class   347 :   INCREMENTAL PRINTING OF SYMBOLIC INFORMATION

       347/1   INK JET
       347/108   .Housing

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3   347/2        (2 OR,  1 XR)
        Class   347 :   INCREMENTAL PRINTING OF SYMBOLIC INFORMATION

        347/1       .  INK JET
        347/2          .Combined


3   347/82       (3 OR,  0 XR)
        Class   347 :   INCREMENTAL PRINTING OF SYMBOLIC INFORMATION

        347/1          INK JET
        347/20         .Ejector mechanism (i.e., print head)
        347/73         ..Continuous stream (includes dispersion)
        347/82         ...With stream deflection


3   358/1.11     (1 OR,  2 XR)
        Class   358 :   FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/1.1        STATIC PRESENTATION PROCESSING (E.G.,
                            PROCESSING DATA FOR PRINTER, ETC.)
        358/1.11       .Character or font


3   358/1.13     (0 OR,  3 XR)
        Class   358 :   FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/1.1        STATIC PRESENTATION PROCESSING (E.G.,
                            PROCESSING DATA FOR PRINTER, ETC.)
        358/1.13       .Emulation or plural modes


3   358/1.2      (1 OR,  2 XR)
        Class   358 :   FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/1.1        STATIC PRESENTATION PROCESSING (E.G.,
                            PROCESSING DATA FOR PRINTER, ETC.)
        358/1.2        .Size, resolution, or scale control


3   358/448      (1 OR,  2 XR)
        Class   358 :   FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/400        FACSIMILE
        358/443        .Specific signal processing circuitry
        358/448        ..Image processing


3   358/462      (1 OR,  2 XR)
        Class   358 :   FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/400        FACSIMILE
        358/443        .Specific signal processing circuitry
        358/448        ..Image processing
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        358/462         ...Text and image detection and processing

  3   358/518          (0 OR, 3 XR)
        Class    358 :    FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/500          NATURAL COLOR FACSIMILE
        358/518          .Color correction

  3   382/187          (1 OR, 2 XR)
        Class    382 :    IMAGE ANALYSIS
        382/181          PATTERN RECOGNITION
        382/187          .On-line recognition of handwritten characters


  3   382/189          (0 OR, 3 XR)
        Class    382 :    IMAGE ANALYSIS
        382/181          PATTERN RECOGNITION
        382/187          .On-line recognition of handwritten characters

        382/189          ..With a display

  3   434/178          (0 OR, 3 XR)
        Class    434 :    EDUCATION AND DEMONSTRATION
        434/156          LANGUAGE
        434/167          .Spelling, phonics, word recognition, or
                             sentence formation
        434/178          ..Reading

  2   101/467          (2 OR, 0 XR)
        Class    101 :    PRINTING
        101/130          PLANOGRAPHIC
        101/463.1        .Lithographic plate making, and processes of
                             making or using copy elements, and eleme
nts per se
        101/465          ..Making plate surface portions ink repellent
                             or ink receptive
        101/466          ...Ink receptive
        101/467          ....By use of radiant energy or heat

  2   101/478          (0 OR, 2 XR)
        Class    101 :    PRINTING
        101/478          ERASABLE PLATE

  2   156/277          (0 OR, 2 XR)
        Class    156 :    ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL
                             MANUFACTURE
        156/1            METHODS
        156/60           .Surface bonding and/or assembly therefor
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                        156/277          ..With printing

           2   156/64          (2 OR, 0 XR)
                   Class   156 :  ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL
                                     MANUFACTURE
                   156/1            METHODS
                   156/60           .Surface bonding and/or assembly therefor
                   156/64           ..With measuring, testing, or inspecting

           2   250/226         (0 OR, 2 XR)
                   Class   250 :  RADIANT ENERGY
                   250/200          PHOTOCELLS; CIRCUITS AND APPARATUS
                   250/216          .Optical or pre-photocell system
                   250/226          ..Color (e.g., filter or spectroscope)

           2   345/179    ·     (1 OR, 1 XR)
                   Class   345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                                     INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY
                                     SYSTEMS
                   345/156          DISPLAY PERIPHERAL INTERFACE INPUT DEVICE
                   345/179          .Stylus

           2   347/104         (0 OR, 2 XR)
                   Class   347 :  INCREMENTAL PRINTING OF SYMBOLIC INFORMATION

                   347/1            INK JET
                   347/101          .Medium and processing means
                   347/104          ..Physical handling

           2   347/217         (2 OR, 0 XR)
                   Class   347 :  INCREMENTAL PRINTING OF SYMBOLIC INFORMATION

                   347/171          THERMAL MARKING APPARATUS OR PROCESSES
                   347/217          .With transfer medium or driving means therefo
r

           2   347/44          (0 OR, 2 XR)
                   Class   347 :  INCREMENTAL PRINTING OF SYMBOLIC INFORMATION

                   347/1            INK JET
                   347/20           .Ejector mechanism (i.e., print head)
                   347/44           ..Discharge means

           2   347/55          (2 OR, 0 XR)
                   Class   347 :  INCREMENTAL PRINTING OF SYMBOLIC INFORMATION
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        347/1        INK JET
        347/20       .Ejector mechanism (i.e., print head)
        347/54       ..Drop-on-demand
        347/55       ...With electric field ejection (applied to
                        fluid)

 2   347/86       (0 OR, 2 XR)
        Class   347 :  INCREMENTAL PRINTING OF SYMBOLIC INFORMATION

        347/1        INK JET
        347/84       .Fluid or fluid source handling means
        347/85       ..Fluid supply system
        347/86       ...Cartridge

 2   349/139      (2 OR, 0 XR)
        Class   349 :  LIQUID CRYSTAL CELLS, ELEMENTS AND SYSTEMS
        349/56            PARTICULAR STRUCTURE
        349/84            .Having significant detail of cell structure
                             only
        349/139           ..Electrode or bus detail (i.e., excluding
                             supplemental capacitor and transistor elect
rodes)

 2   356/402      (2 OR, 0 XR)
        Class   356 :  OPTICS:  MEASURING AND TESTING
        356/402           BY SHADE OR COLOR

 2   358/1.17     (0 OR, 2 XR)
        Class   358 :  FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/1.1           STATIC PRESENTATION PROCESSING (E.G.,
                             PROCESSING DATA FOR PRINTER, ETC.)
        358/1.16          ..Memory
        358/1.17          ..Page or frame memory

 2   358/2.1      (0 OR, 2 XR)
        Class   358 :  FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/1.1           STATIC PRESENTATION PROCESSING (E.G.,
                             PROCESSING DATA FOR PRINTER, ETC.)
        358/1.9           .Attribute control
        358/2.1           ..Processing based on at least two different
                             image attributes (e.g., character, graphic,
photo, line,
                             edge, gray-level, color)

 2   358/3.06     (1 OR, 1 XR)
        Class   358 :  FACSIMILE AND STATIC PRESENTATION PROCESSING
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        358/1.1          STATIC PRESENTATION PROCESSING (E.G.,
                              PROCESSING DATA FOR PRINTER, ETC.)
        358/1.9          .Attribute control
        358/3.01         ..Multi-level image reproduction (e.g., gray
                              level reproduction)
        358/3.06         ...Halftoning (e.g., a pattern of print
                              elements used to represent a gray level)


  2   358/3.23      (0 OR, 2 XR)
        Class    358 :    FACSIMILE AND STATIC PRESENTATION PROCESSING


        358/1.1          STATIC PRESENTATION PROCESSING (E.G.,
                              PROCESSING DATA FOR PRINTER, ETC.)
        358/1.9          .Attribute control
        358/3.01         ..Multi-level image reproduction (e.g., gray
                              level reproduction)
        358/3.23         ...Look-up table for image processing or print
                              attribute data (e.g., threshold value, prin
t element

                          property)


  2   358/3.26      (2 OR, 0 XR)
        Class    358 :    FACSIMILE AND STATIC PRESENTATION PROCESSING


        358/1.1          STATIC PRESENTATION PROCESSING (E.G.,
                              PROCESSING DATA FOR PRINTER, ETC.)
        358/1.9          .Attribute control
        358/3.26         ..Distortion control in image reproduction
                              (e.g., removing, reducing or preventing ima
ge artifacts)


  2   358/443       (0 OR, 2 XR)
        Class    358 :    FACSIMILE AND STATIC PRESENTATION PROCESSING


        358/400          FACSIMILE
        358/443          .Specific signal processing circuitry


  2   358/468       (0 OR, 2 XR)
        Class    358 :    FACSIMILE AND STATIC PRESENTATION PROCESSING


        358/400          FACSIMILE
        358/443          .Specific signal processing circuitry
        358/468          ..Facsimile control unit


  2   358/474       (1 OR, 1 XR)
        Class    358 :    FACSIMILE AND STATIC PRESENTATION PROCESSING
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        358/400        FACSIMILE
        358/471        .Picture signal generator
        358/474        ..Scanning

2   358/501        (1 OR, 1 XR)
        Class  358 :    FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/500            NATURAL COLOR FACSIMILE
        358/501            .Image reproduction

2   358/502        (0 OR, 2 XR)
        Class  358 :    FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/500            NATURAL COLOR FACSIMILE
        358/501            .Image reproduction
        358/502            ..Ink-Jet

2   358/523        (0 OR, 2 XR)
        Class  358 :    FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/500            NATURAL COLOR FACSIMILE
        358/518            .Color correction
        358/523            ..With memory for storage of conversion data

2   358/524        (0 OR, 2 XR)
        Class  358 :    FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/500            NATURAL COLOR FACSIMILE
        358/524            .Intermediate storage

2   358/534        (0 OR, 2 XR)
        Class  358 :    FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/500            NATURAL COLOR FACSIMILE
        358/530            .Specific image-processing circuitry
        358/534            ..Halftone processing

2   358/538        (0 OR, 2 XR)
        Class  358 :    FACSIMILE AND STATIC PRESENTATION PROCESSING

        358/500            NATURAL COLOR FACSIMILE
        358/530            .Specific image-processing circuitry
        358/538            ..Image portion selection

2   382/181        (0 OR, 2 XR)
        Class  382 :    IMAGE ANALYSIS
        382/181            PATTERN RECOGNITION
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2  382/186        (2 OR, 0 XR)
       Class   382 :   IMAGE ANALYSIS
       382/181         PATTERN RECOGNITION
       382/186         .Unconstrained handwriting (e.g., cursive)

2  382/202        (0 OR, 2 XR)
       Class   382 :   IMAGE ANALYSIS
       382/181         PATTERN RECOGNITION
       382/190         .Feature extraction
       382/195         ..Local or regional features
       382/202         ...Linear stroke analysis (e.g., limited to
                            straight lines)

2  382/225        (0 OR, 2 XR)
       Class   382 :   IMAGE ANALYSIS
       382/181         PATTERN RECOGNITION
       382/224         .Classification
       382/225         ..Cluster analysis

2  382/237        (1 OR, 1 XR)
       Class   382 :   IMAGE ANALYSIS
       382/232         IMAGE COMPRESSION OR CODING
       382/237         .Gray level to binary coding

2  382/239        (1 OR, 1 XR)
       Class   382 :   IMAGE ANALYSIS
       382/232         IMAGE COMPRESSION OR CODING
       382/239         .Adaptive coding (i.e., changes based upon
                            history, activity, busyness, etc.)

2  399/27         (0 OR, 2 XR)
       Class   399 :   ELECTROPHOTOGRAPHY
       399/9           DIAGNOSTICS
       399/24          .Consumable
       399/27          ..Toner

2  399/49         (0 OR, 2 XR)
       Class   399 :   ELECTROPHOTOGRAPHY
       399/38          CONTROL OF ELECTROPHOTOGRAPHY PROCESS
       399/46          .Of plural processes
       399/49          ..Having detection of toner (e.g., patch)

2  399/58         (2 OR, 0 XR)
       Class   399 :   ELECTROPHOTOGRAPHY
       399/38          CONTROL OF ELECTROPHOTOGRAPHY PROCESS
       399/53          .Control of developing
       399/58          ..Concentration control
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2   414/796.1    (1 OR, 1 XR)
        Class   414 :   MATERIAL OR ARTICLE HANDLING
        414/788         APPARATUS FOR MOVING INTERSUPPORTING ARTICLES
                            INTO, WITHIN, OR FROM FREESTANDING, ORDE
RLY LAYERED, OR
                            MUTUALLY STABILIZING ORDERLY GROUP
        414/795.4       .Unstacking apparatus
        414/796         ..Separates stack into smaller stacks
        414/796.1       ...Removes smaller stack from bottom


2   430/120      (0 OR, 2 XR)
        Class   430 :   RADIATION IMAGERY CHEMISTRY: PROCESS,
                            COMPOSITION, OR PRODUCT THEREOF
        430/31          ELECTRIC OR MAGNETIC IMAGERY, E.G., XEROGRAPHY
,
                            ELECTROGRAPHY, MAGNETOGRAPHY, ETC., PROCE
SS, COMPOSITION,
                            OR PRODUCT
        430/97          .Post imaging process, finishing, or perfectin
g
                            composition or product
        430/120         ..Dry powder developing


2   430/5        (0 OR, 2 XR)
        Class   430 :   RADIATION IMAGERY CHEMISTRY: PROCESS,
                            COMPOSITION, OR PRODUCT THEREOF
        430/4           RADIATION MODIFYING PRODUCT OR PROCESS OF
                            MAKING
        430/5           .Radiation mask


2   434/309      (0 OR, 2 XR)
        Class   434 :   EDUCATION AND DEMONSTRATION
        434/308         AUDIO RECORDING AND VISUAL MEANS
        434/309         .Common carrier for visual means and audio
                            recording


2   715/525      (0 OR, 2 XR)
        Class   715 :   DATA PROCESSING:  PRESENTATION PROCESSING OF
                            DOCUMENT
        715/517         LAYOUT
        715/525         .Pagination
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6333994 75
6603881 75
6079821 67
5623585 67
5675719 67
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6215540 67
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6160971 58

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accordance 4
according 5
accurate 1
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activated 1
added 1
addition 1
advantages 1
after 1
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allows 1
also 3
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anwor 1
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apparatus 3
apparent 1
application 2
applications 1
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appropriate 1
approval 2
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area 1
art 1
as 9
aspect 3
assigning 1
associated 3
assume 2
assumption 1
asynchrony 1
at 9
automated 1
automatic 6
automatically 3
back 1
backward 3

based 2
be 21
become 1
begin 1
being 1
between 6
blank 2
block 1
bottom 6
break 4
breaks 10
brief 1
broad 1
button 3
buttons 2
by 12
called 1
can 2
carbon 1
cases 1
certain 1
change 3
changing 1
claims 1
closely 1
cntena 1
collected 1
combined 2
company 1
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compounded 1
comprises 1
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concern 1
confusing 1
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constrained 4
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converted 1
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correspond 1
correspondence 4
corresponding 4
cross 1
crosspad 1
culture 1

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data 15
degree 1
delta 2
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descnbed 2
described 2
description 5
descriptions 1
detailed 1
detect 2
detecting 1
detection 3
detectionyor 2
determine 2
device 5
diagram 6
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digital 2
digitizer 1
disclosure 2
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either 2
electronic 23
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eliminates 1
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embodiments 1
employed 1
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event 1
events 5
example 1
fail 1
fashion 1
features 1
field 3
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filed 1

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fills 2
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flow 5
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format 1
forward 3
forwardfbackward 1
from 7
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generates 2
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human 4
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